

## Section 0-7: Ordered Pairs

By the end of this lesson, you should be able to answer:

- How do you name and graph points in the coordinate plane?

Define the following:

1. Ordered Pair

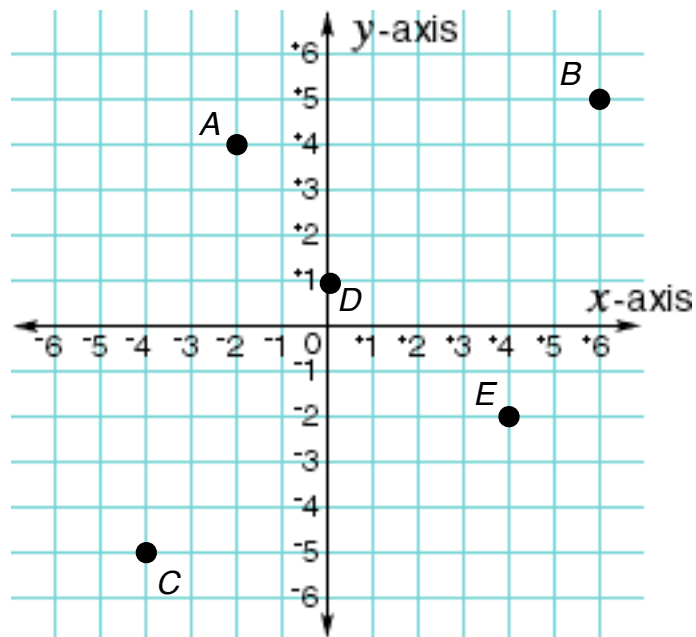
2. x-coordinate

3. y-coordinate

4. Quadrant

5. Origin

*Example 1:* Write the ordered pair for each point.

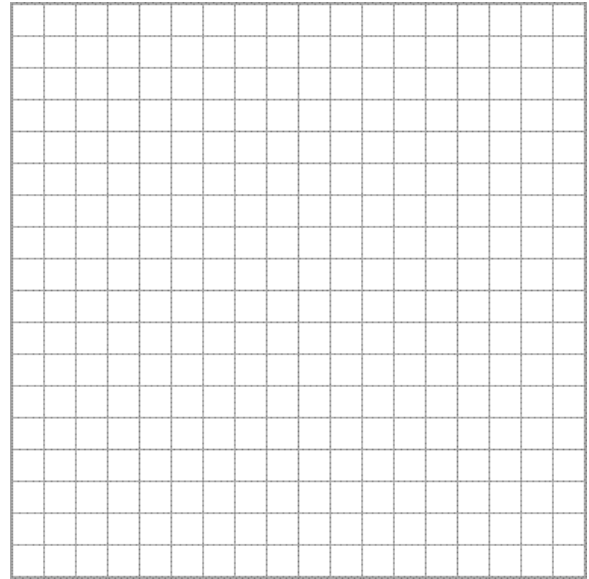


*Example 2:* Graph and label each point on the coordinate plane. Name the quadrant in which each point is located.

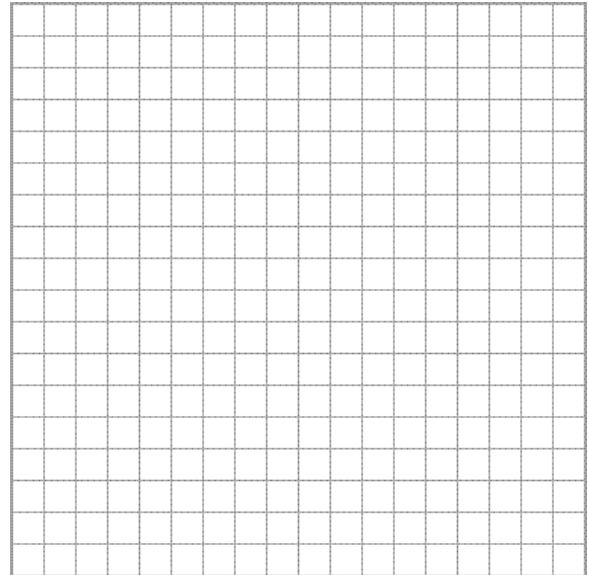
a.  $H(1, 4)$

b.  $A(-5, 9)$

c.  $T(3, -2)$



*Example 3:* Graph a polygon with the following vertices:  $R(1, 1)$ ,  $A(3, 1)$ ,  $W(1, 4)$ , and  $K(-3, 4)$ .



Problem Set:

"Success isn't permanent, and failure isn't fatal." – Mike Ditka